FIG.1(a)

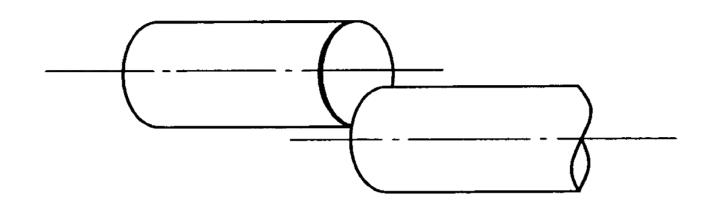


FIG.1(b)

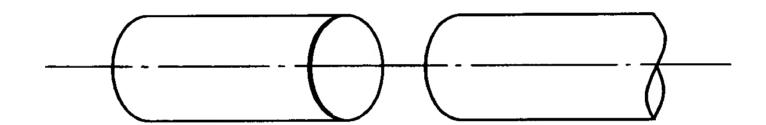


FIG.1(c)

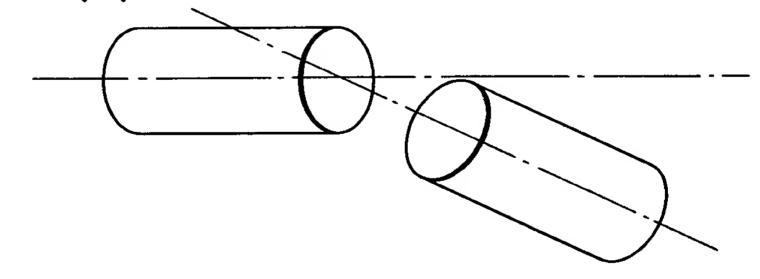
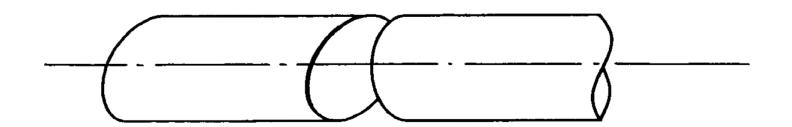


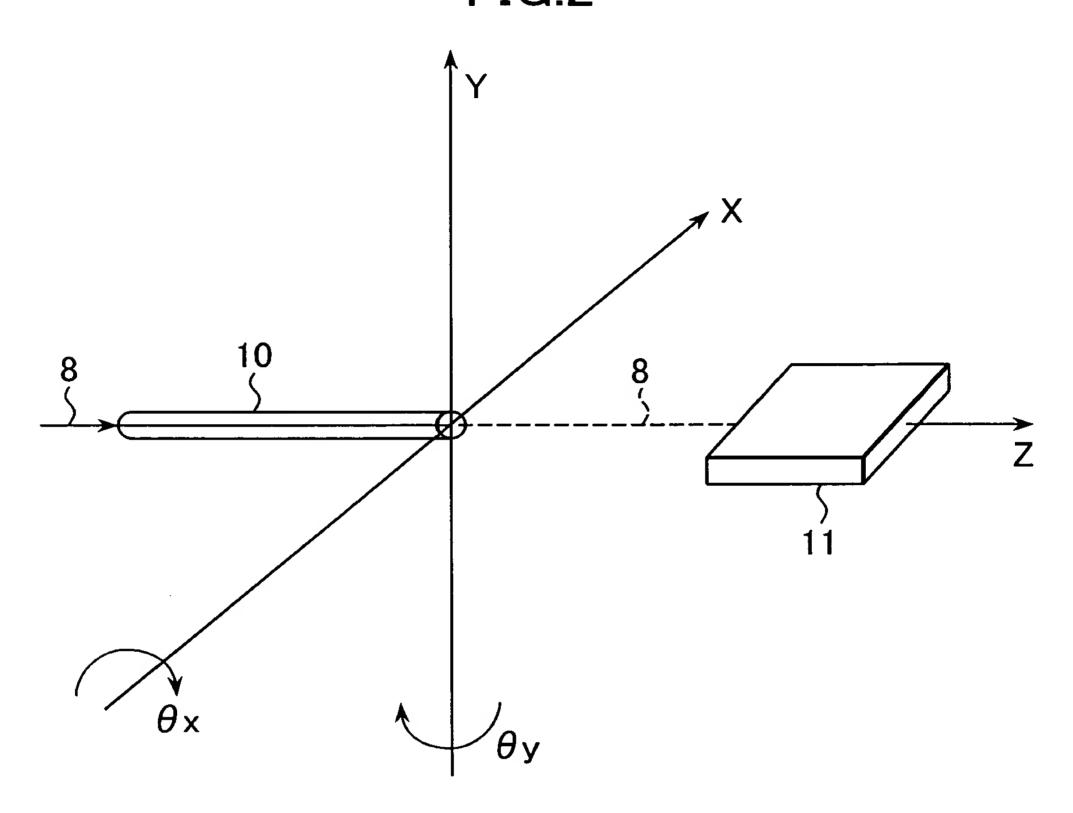
FIG.1(d)



DOCKET #: 201425US2X INV: Masahiro MURAKAWA, et al. SHEET 2_OF_15_

2/15

FIG.2

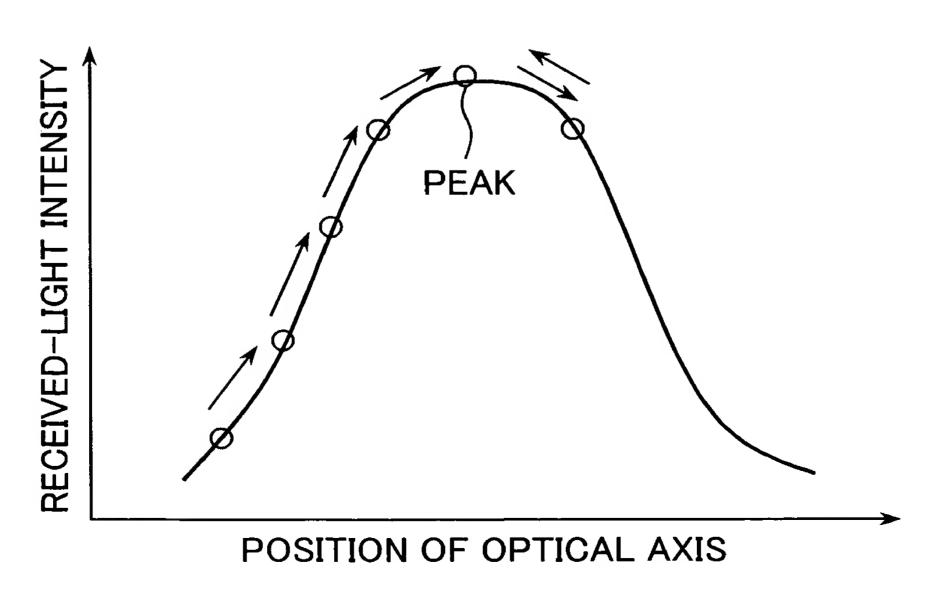


The first chart of the first cha

#:

And half the first out the

FIG.3



DOCKET #: 201425US2X

INV: Masahiro MURAKAWA, et al.

SHEET <u>3</u> OF <u>15</u>

FIG.4

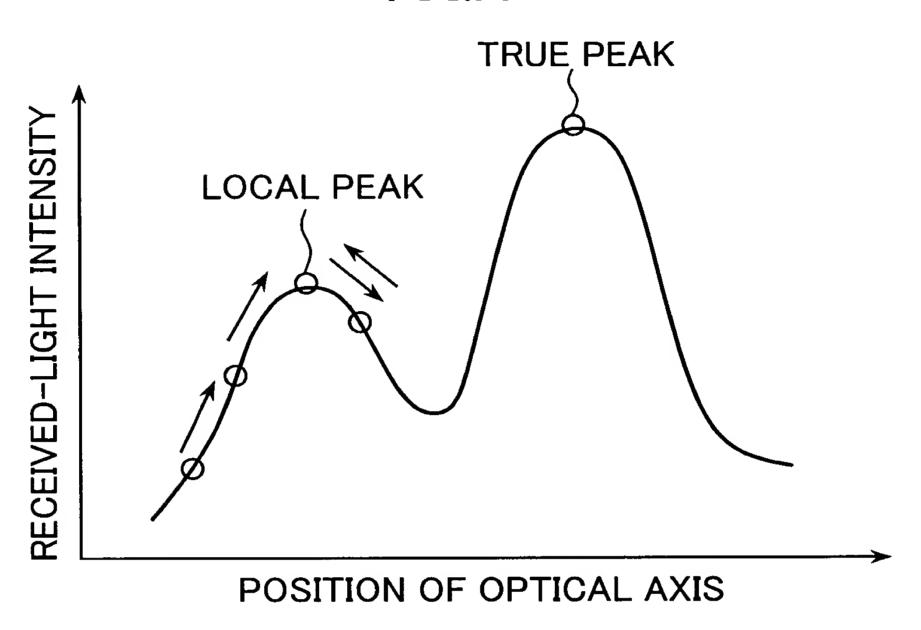
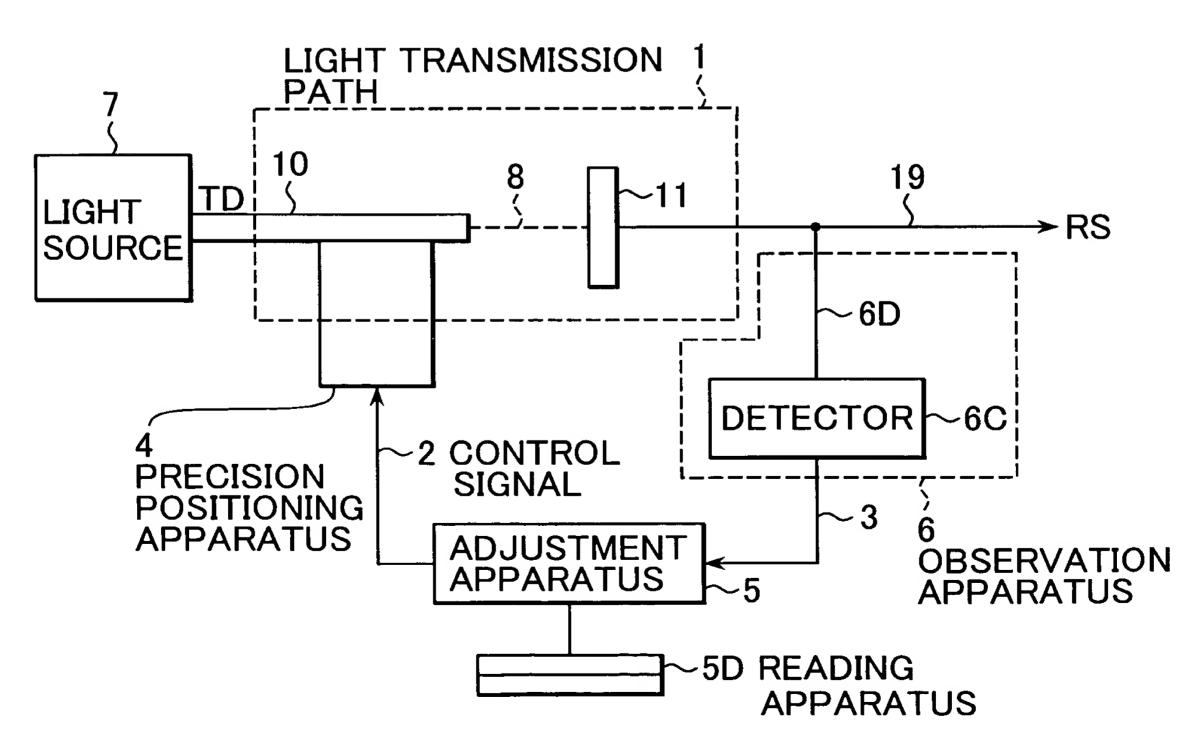
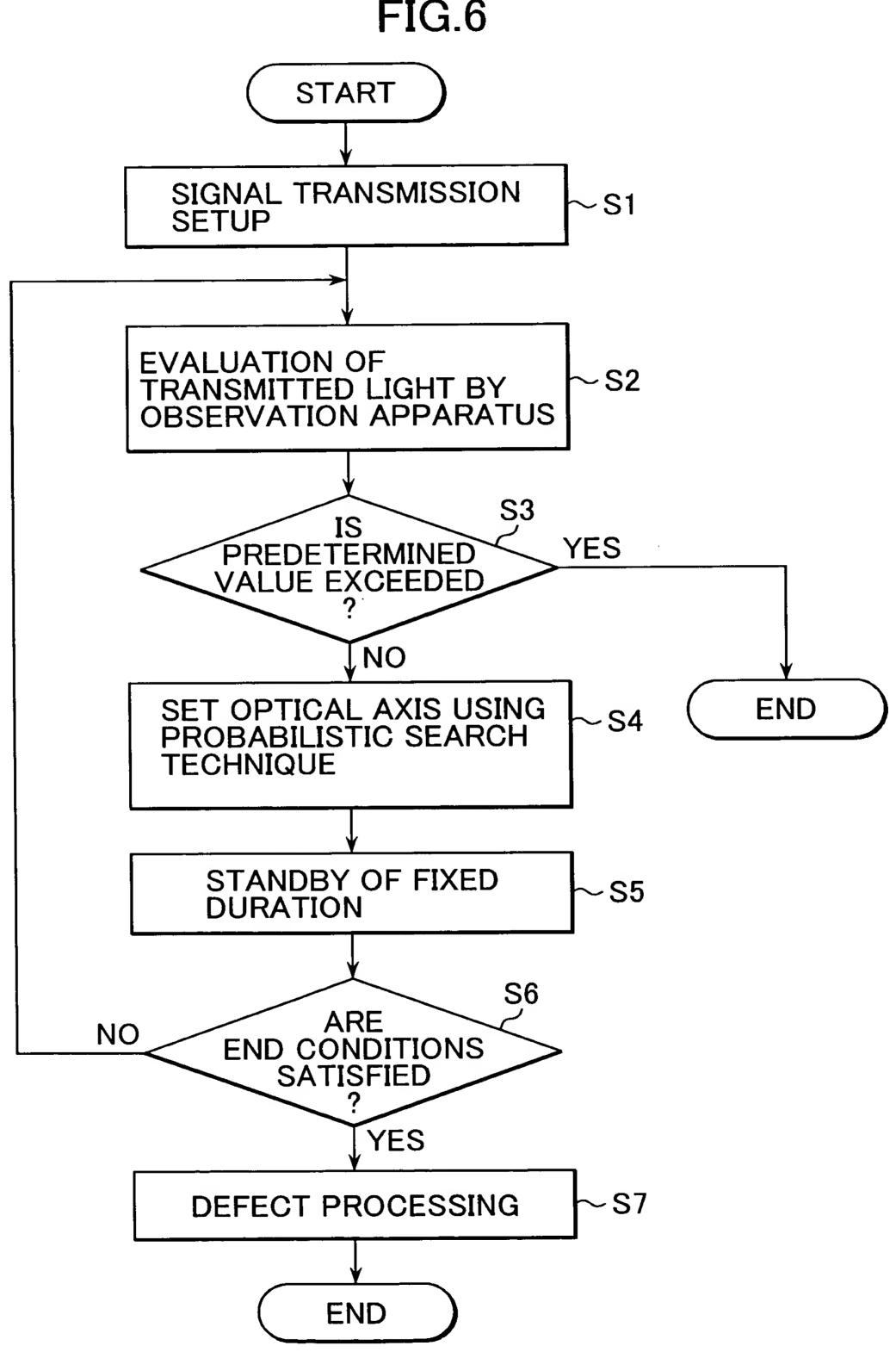


FIG.5



OBLON, SPIVAK, ET AL **DOCKET #: 201425US2X** INV: Masahiro MURAKAWA, et al. SHEET <u>4</u> OF <u>15</u>

FIG.6



DOCKET #: 201425US2X
INV: Masahiro MURAKAWA, et al.
SHEET <u>5</u> OF <u>15</u>

FIG.7

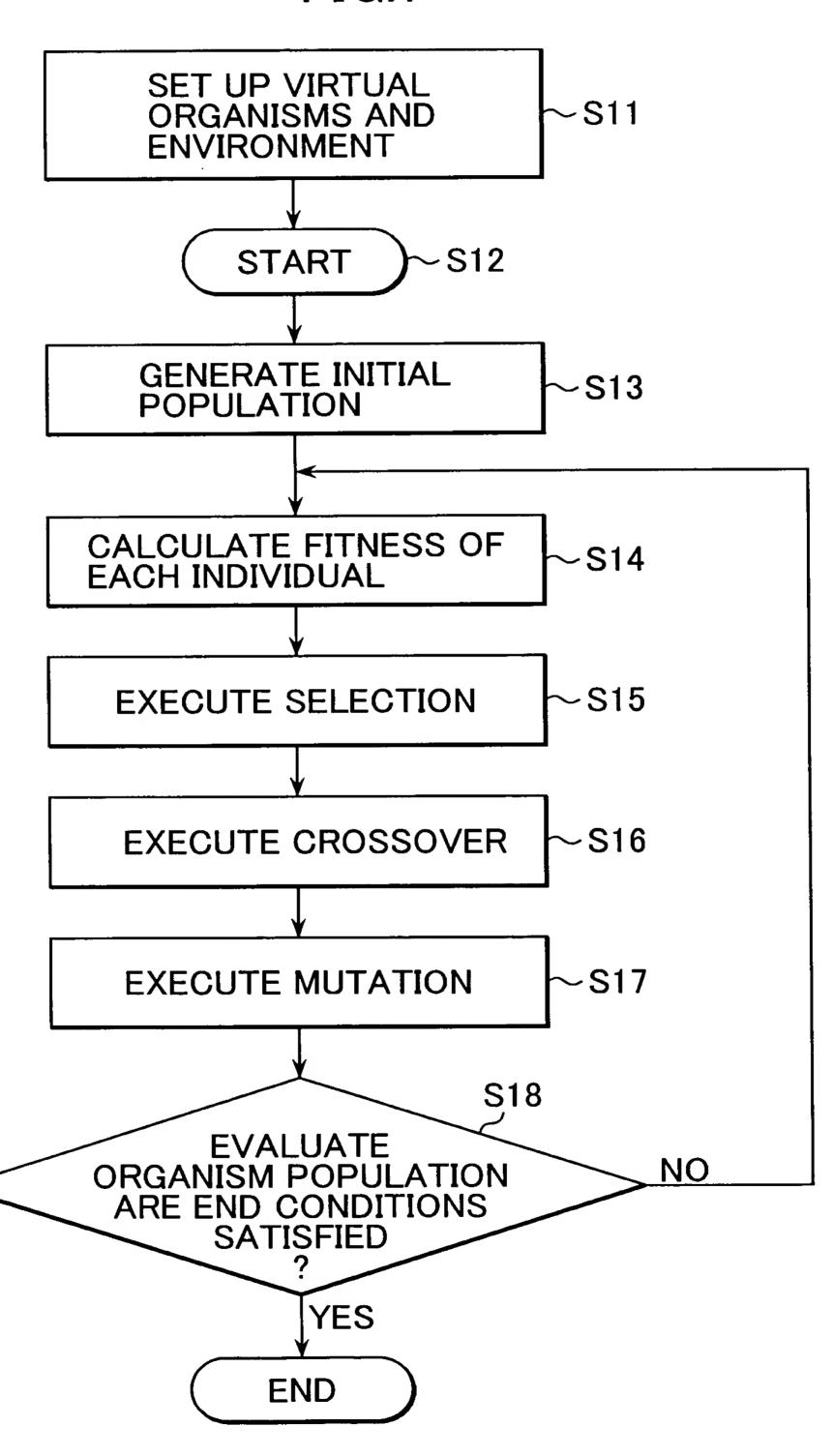


FIG.8

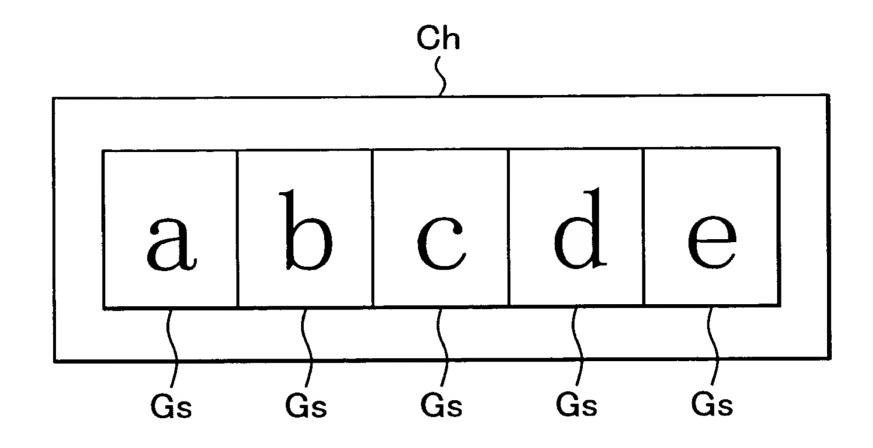
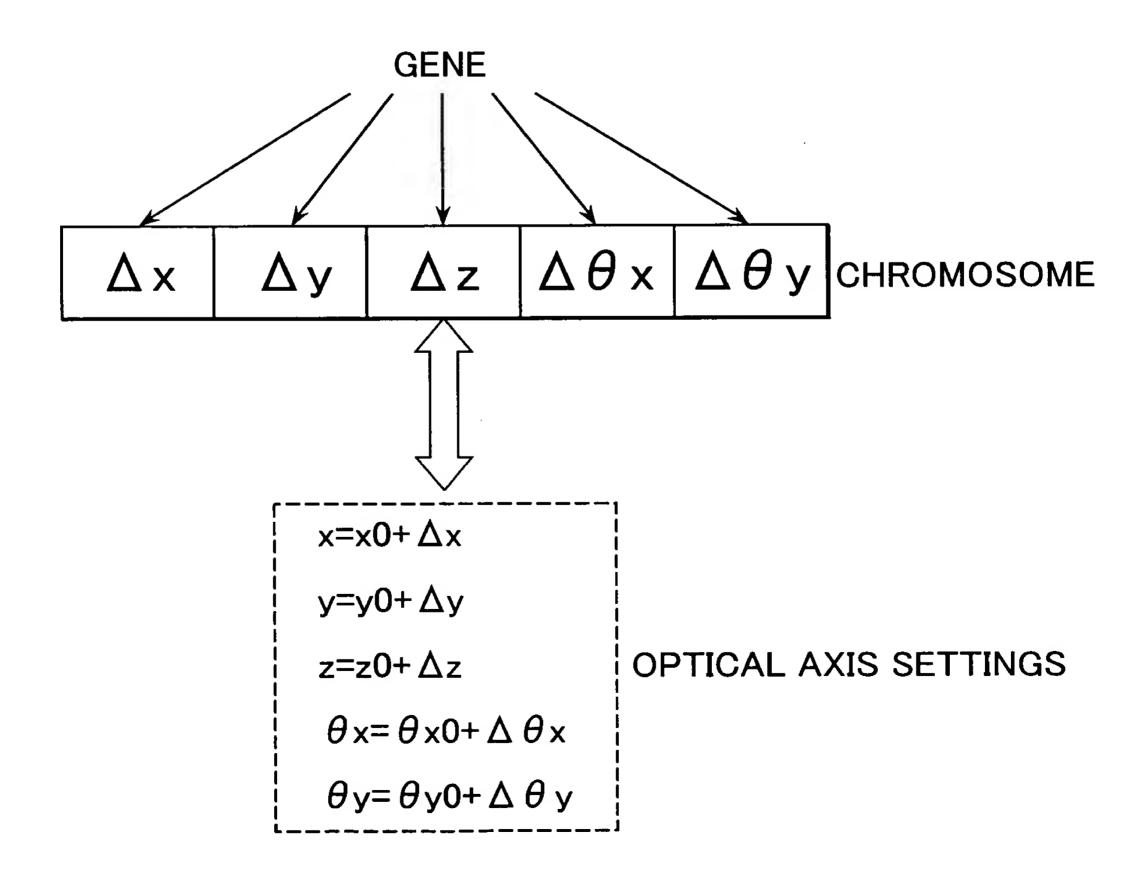


FIG.9



SHEET <u>7</u> OF <u>15</u> 7/15 **FIG.10** FROM STEP S1 GENERATE INITIAL POPULATION ~ S21 -S22 **SELECTION** -S23 **CROSSOVER MUTATION** ~S24 MOVE OPTICAL AXIS S25A -S26A LOCAL LEARNING S27A CALCULATE FITNESS MOVE OPTICAL AXIS -S25B -S26B LOCAL LEARNING -S27B CALCULATE FITNESS ~S28 REPLACEMENT **S**3 **TARGET** YES <u>NO</u> **VALUE EXCEEDED END** TO STEP S6

DOCKET #: 201425US2X

INV: Masahiro MURAKAWA, et al.

FIG.11

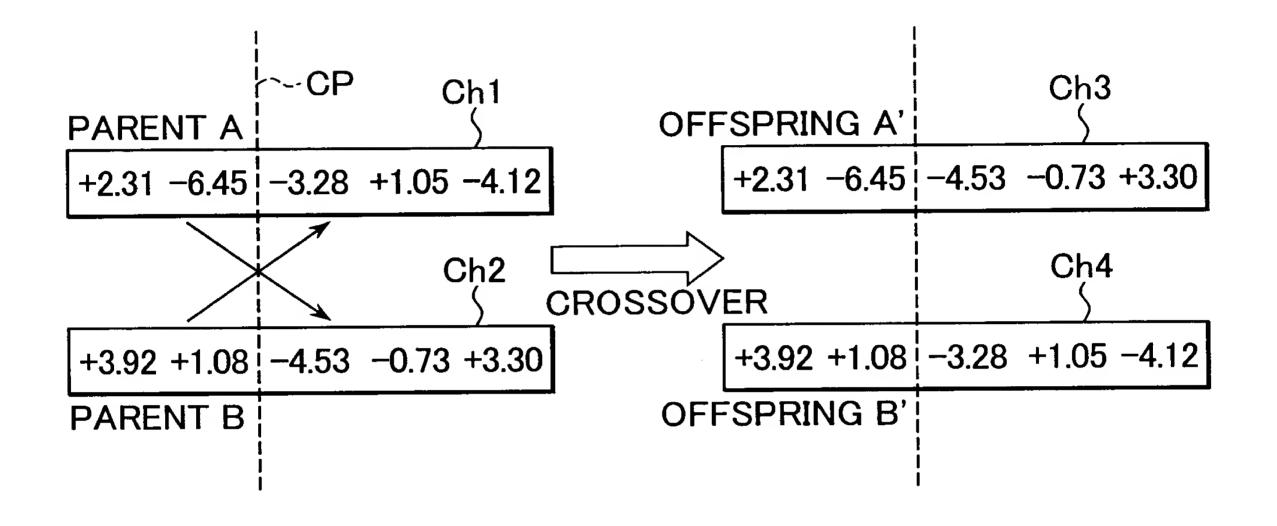
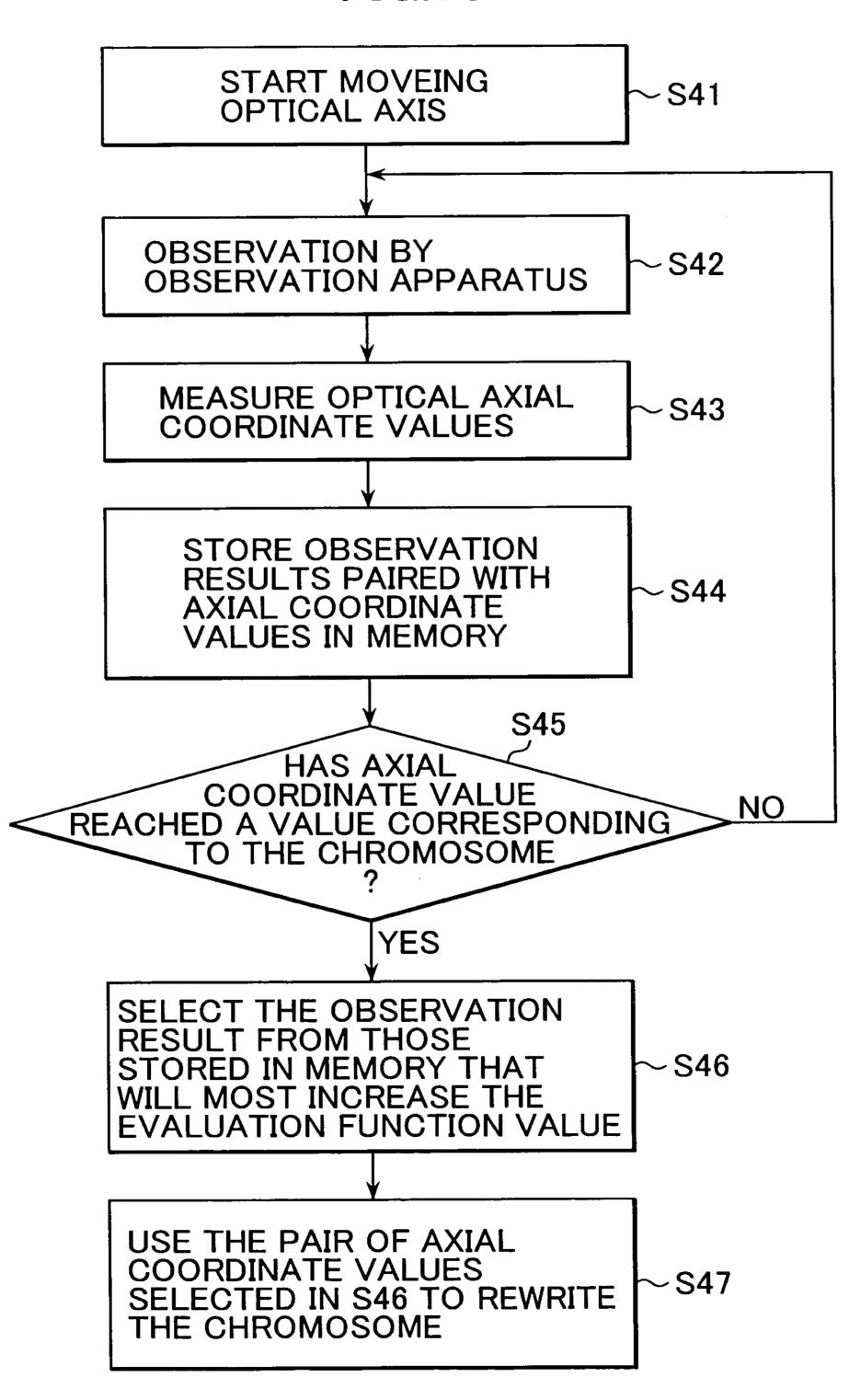


FIG.12

OBLON, SPIVAK, ET AL
DOCKET #: 201425US2X
INV: Masahiro MURAKAWA, et al.
SHEET <u>9</u> OF <u>15</u>

FIG.13



DOCKET #: 201425US2X
INV: Masahiro MURAKAWA, et al.
HEET 10 OF 15

10/15

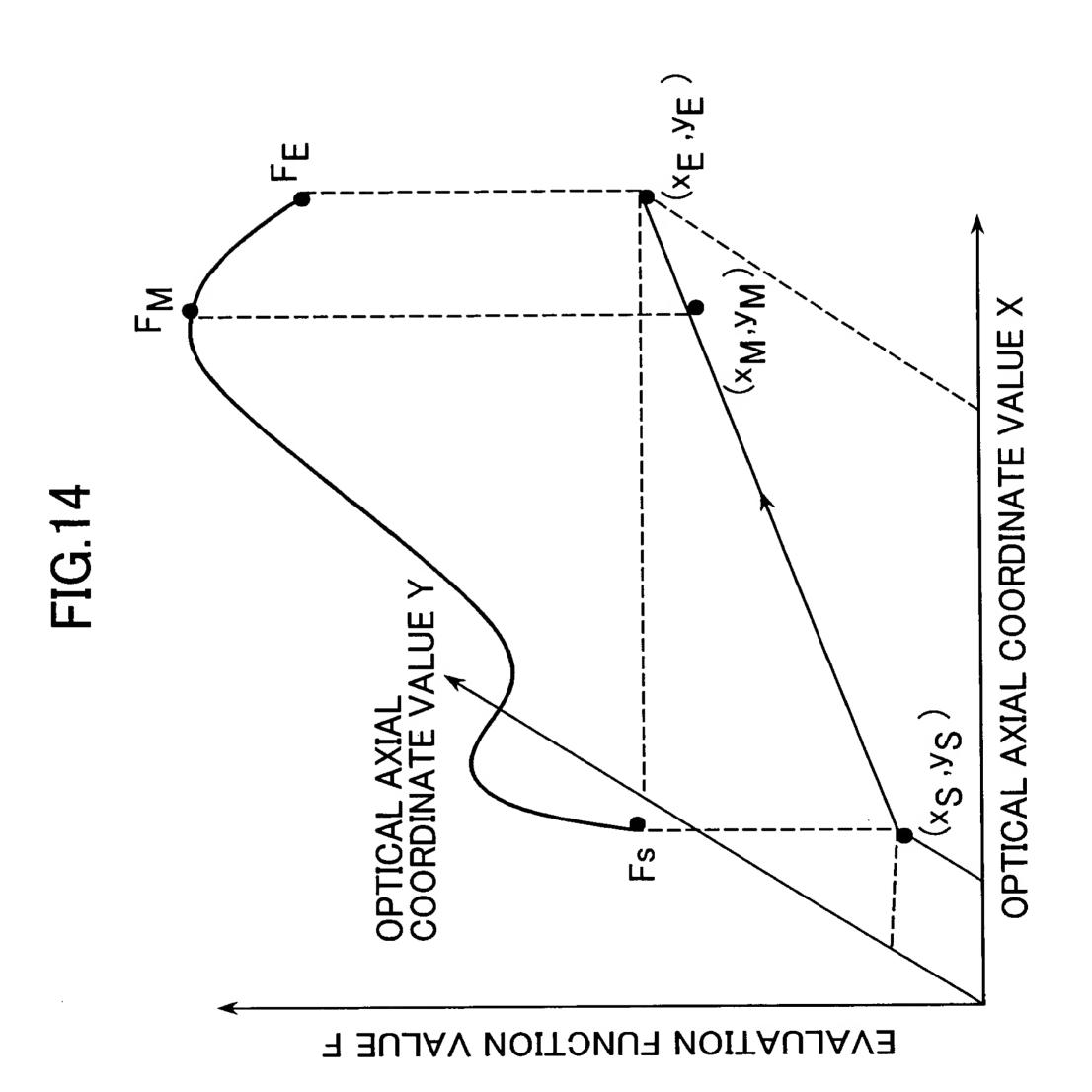
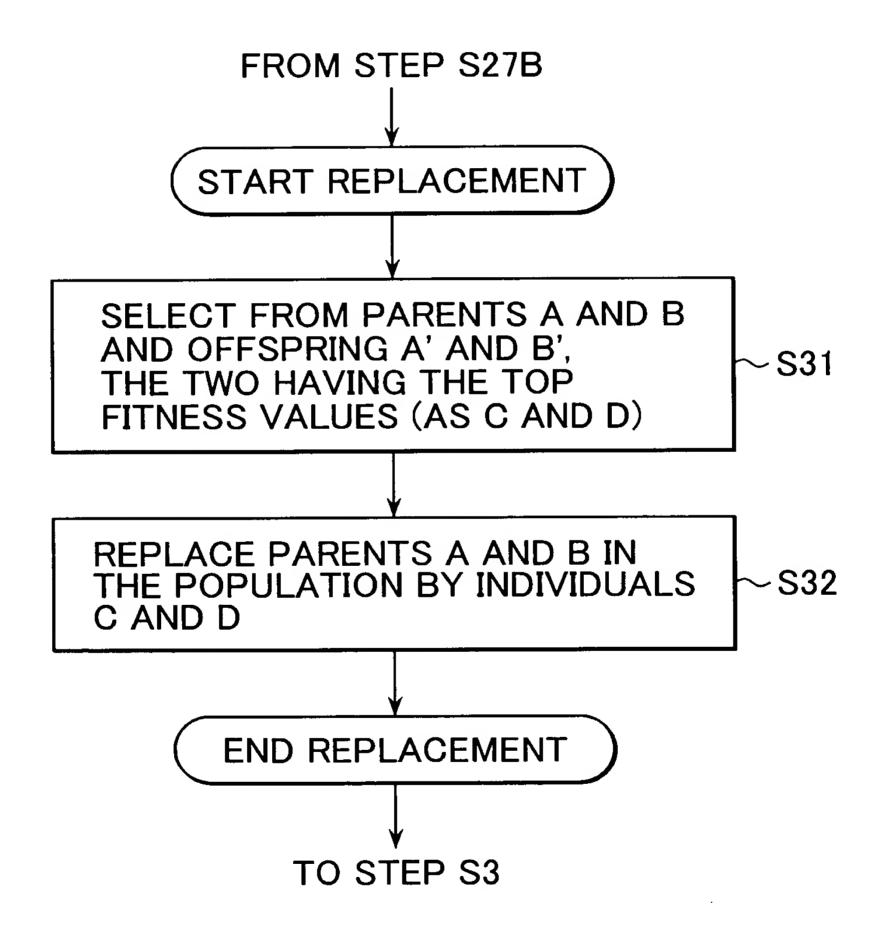
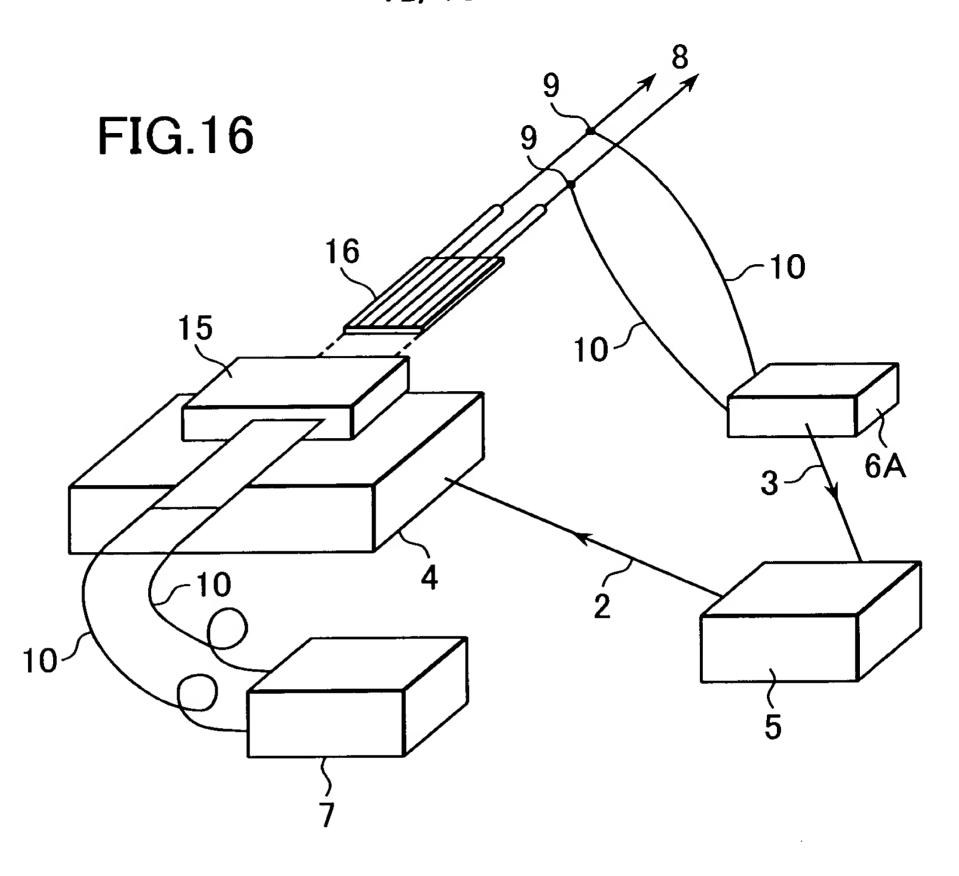


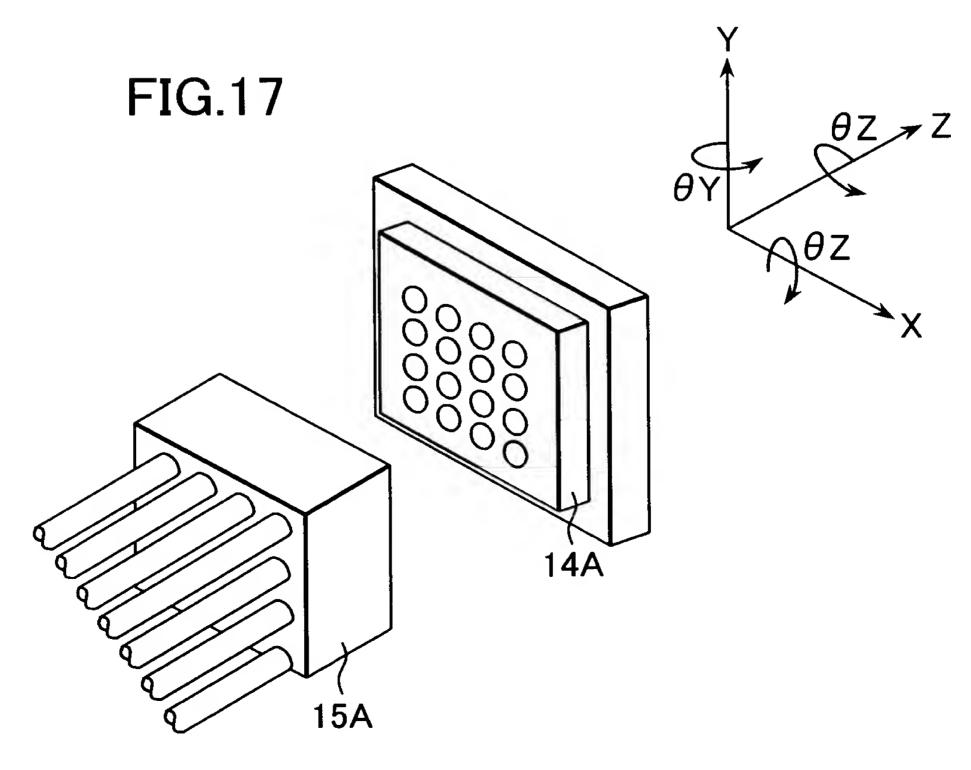
FIG.15



DOCKET #: 201425US2X INV: Masahiro MURAKAWA, et al. SHEET 12 OF 15

12/15





SHEET <u>13</u> OF <u>15</u>

13/15

FIG.18

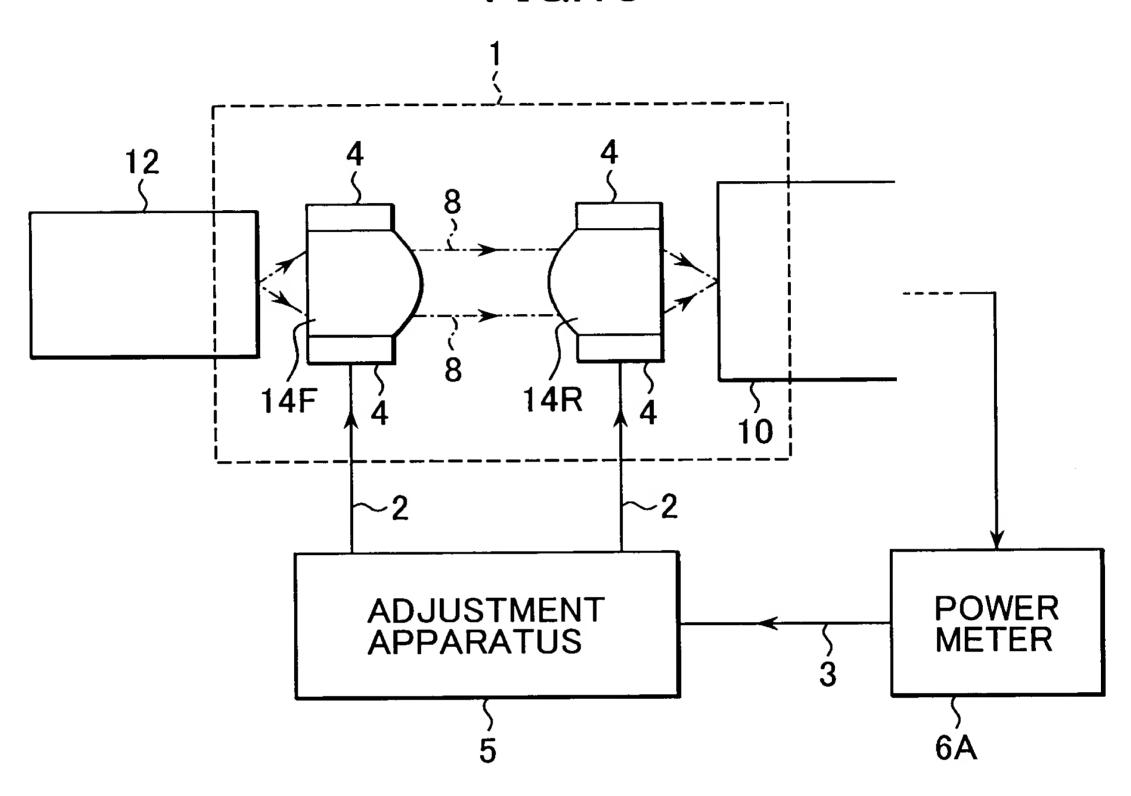
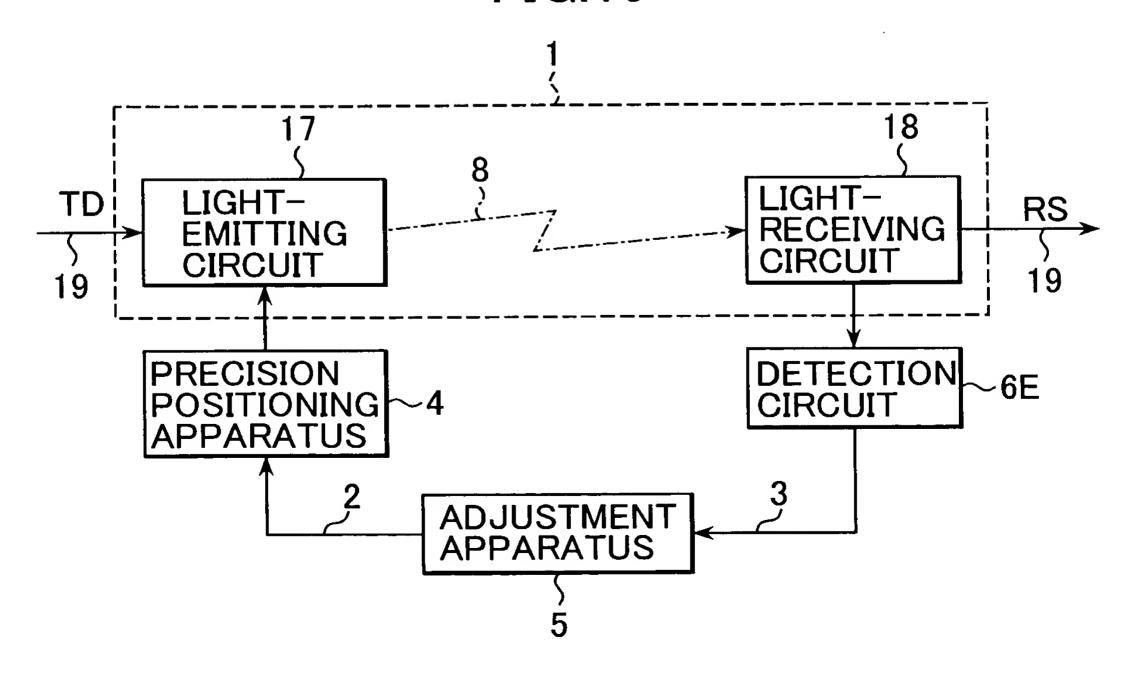
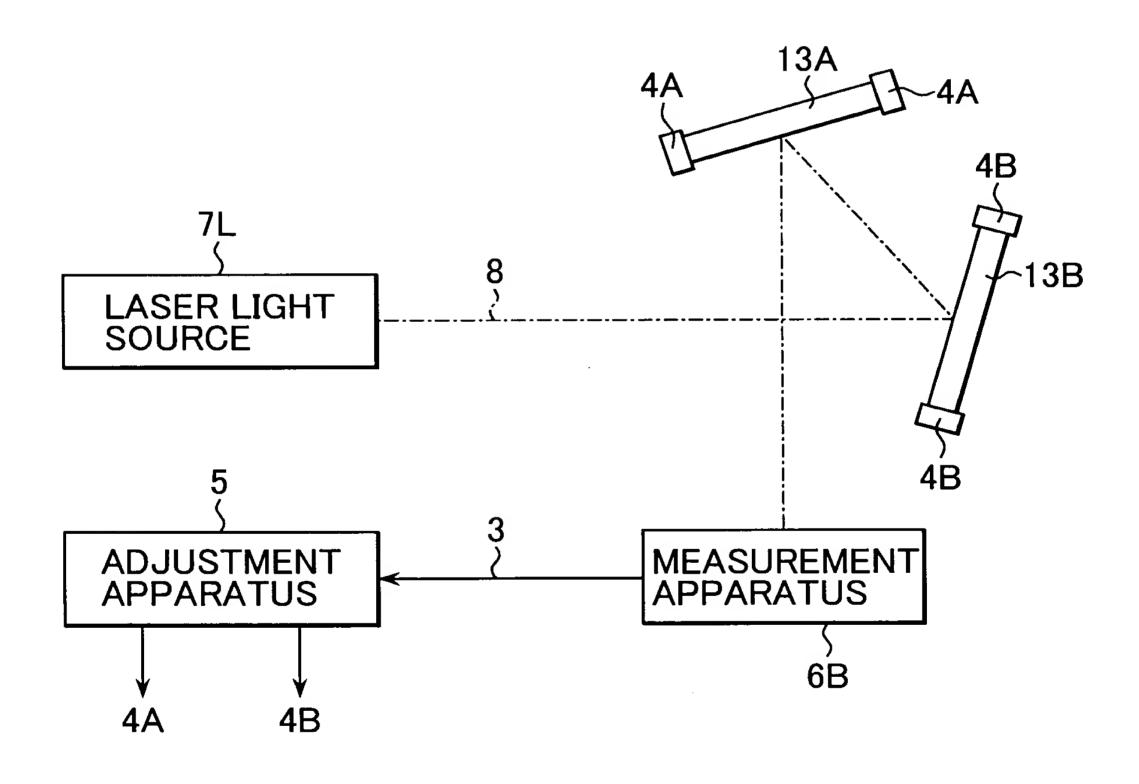


FIG.19



The first that the state that the state that

FIG.20



:: OBLON, SPIVAK, ET AL
DOCKET #: 201425US2X

Masahiro MURAKAWA, et al.

ET 15 OF 15

FIG.21

